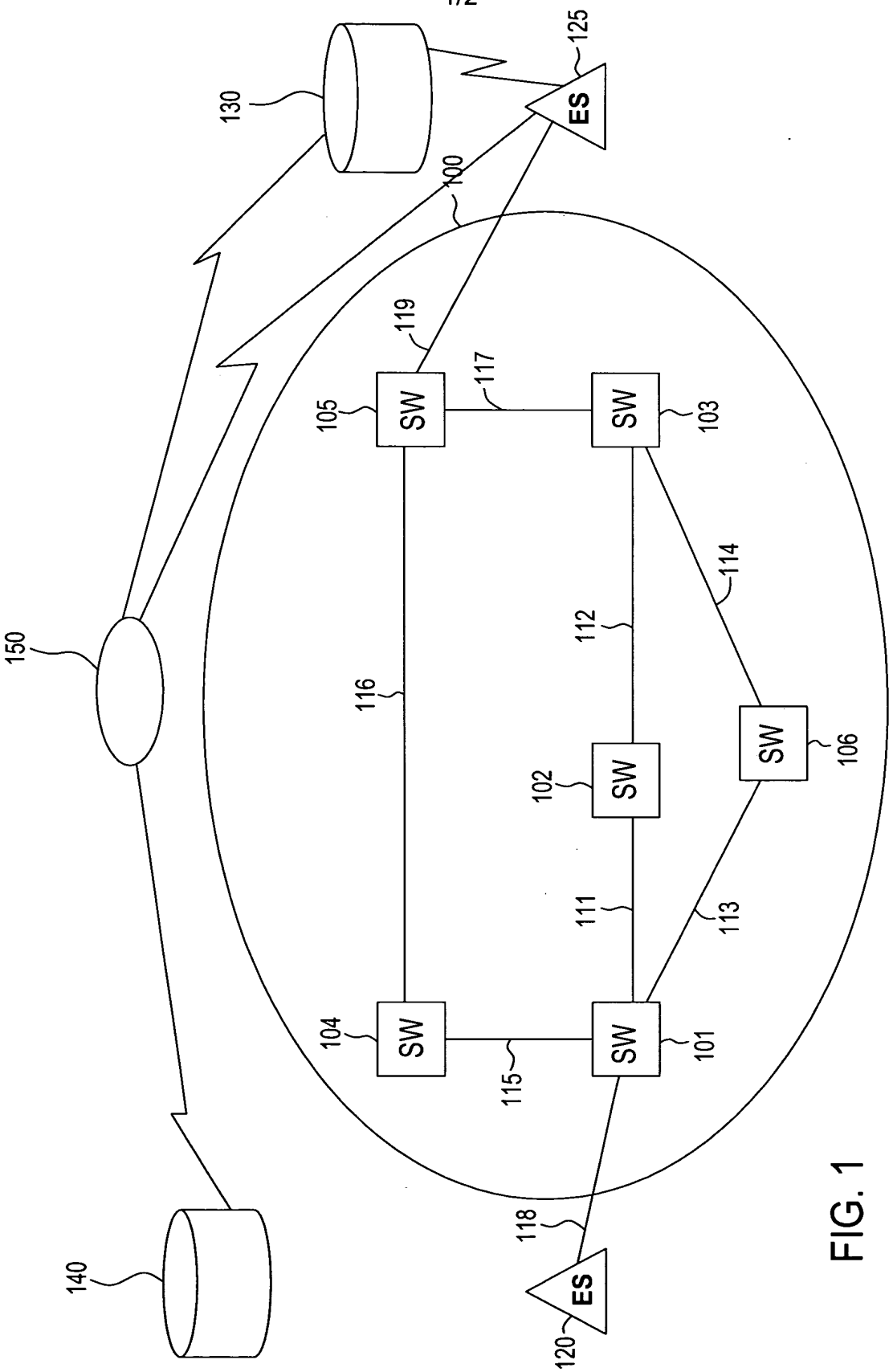
130
125
ES
100
119
105
SW
117
SW
103
150
114
112
116
102
SW
SW
106
111
113
104
SW
SW
101
115
118
140
ES
120

FIG. 1

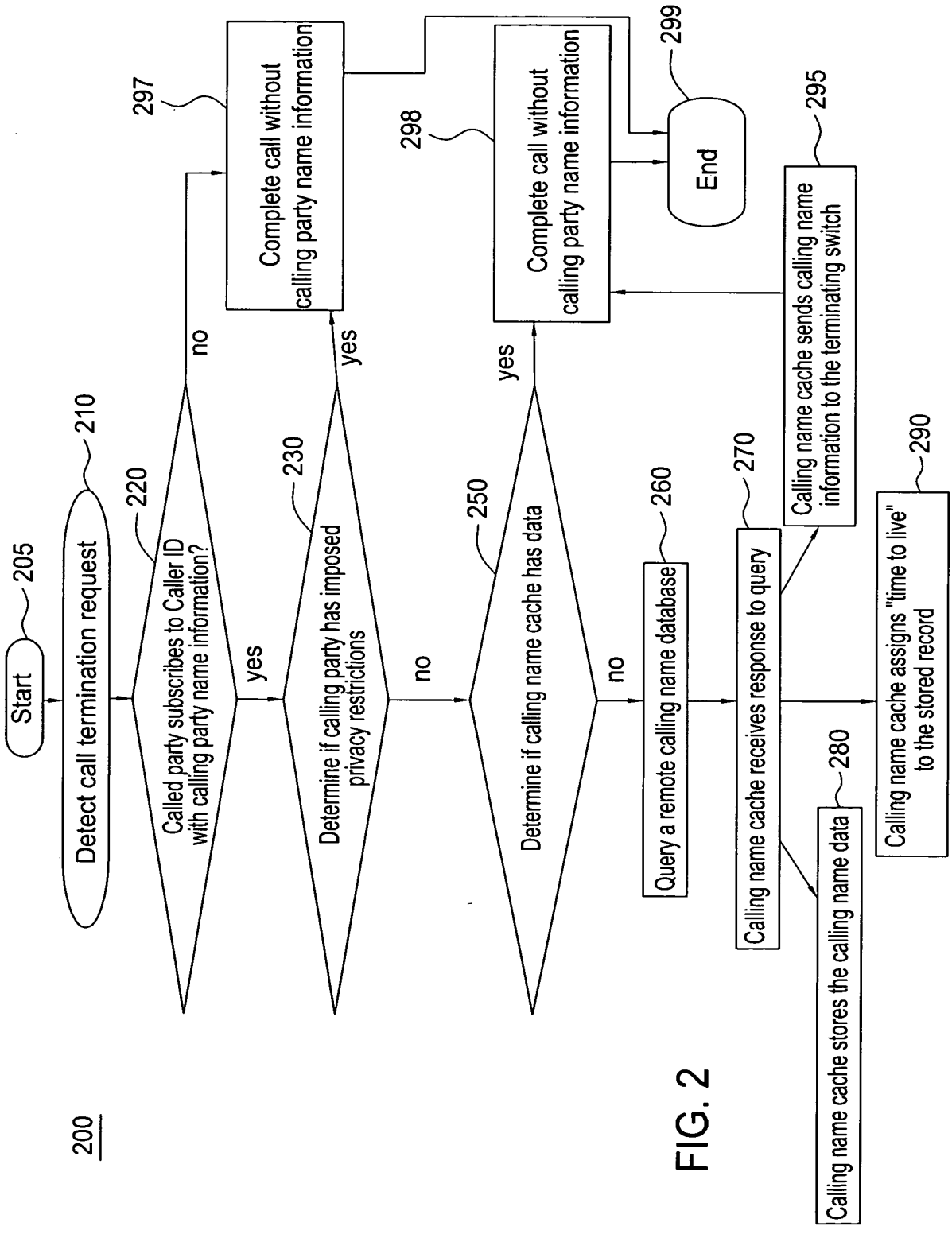
200
Start
205
Detect call termination request
210
Called party subscribes to Caller ID with calling party name information?
220
yes
no
Determine if calling party has imposed privacy restrictions
230
yes
no
Determine if calling name cache has data
250
yes
no
Query a remote calling name database
260
Calling name cache receives response to query
270
Calling name cache stores the calling name data
280
Calling name cache assigns "time to live" to the stored record
290
Calling name cache sends calling name information to the terminating switch
295
Complete call without calling party name information
297
Complete call without calling party name information
298
End
299

FIG. 2